

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of REN, et al.

Serial No.: 10/649,712

Date Filed: August 26, 2003



Examiner:

Group: 2812

For: GAN-TYPE ENHANCEMENT MOSFET USING HETERO STRUCTURE

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

12/18/03
Reg. No. 46,803
Neil R. Jetter, Esq.

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please find enclosed for filing the following:

X Information Disclosure Statement, with PTO/SB/08A and PTO/SB/08B, and references; and

X 1 postcard.

Although no fee is believed due, please charge any underpayment to Deposit Account No.

50-0951. This letter is submitted in duplicate.

Respectfully submitted,

AKERMAN SENTERFITT

Dated: 19 Dec 2003

Neil R. Jetter, Esq.
Registration No. 46,803
222 Lakeview Avenue, Suite 400
West Palm Beach, FL 33402-3188
Tel: 561-653-5000

Docket No. 5853-274

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In re: Application of REN, et al.

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19 DEC 2003

Reg. No. 46,803

Neil R. Jetter, Esq.

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Forms PTO/SB/08A and PTO/SB/08B which the Examiner may deem relevant to patentability of the claims of the above-identified application. These references are being timely filed in accordance with 37 CFR § 1.97(b)(3).

The submission of the listed documents is not intended as an admission that any listed document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

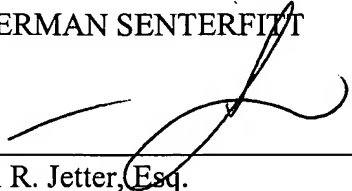
Applicant respectfully requests that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A & B be returned in accordance with MPEP §609.

Although no fee is believed due, the Commissioner is hereby authorized to charge any fees which may be required by submission of these papers to Deposit Account No. 50-0951.

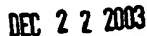
Respectfully submitted,

AKERMAN SENTERFITT

Dated: 19 Dec 2003



Neil R. Jetter, Esq.
Registration No. 46,803
222 Lakeview Avenue, Suite 400
West Palm Beach, FL 33402-3188
Tel: 561-653-5000



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/649,712
Filing Date	August 26, 2003
First Named Inventor	Ren, Fan
Art Unit	2812
Examiner Name	
Attorney Docket Number	5853-274

U. S. PATENT DOCUMENTS

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number

10/649,712

Filing Date

August 26, 2003

First Named Inventor

Ren, Fan

Art Unit

2812

Examiner Name

Attorney Docket Number

5853-274

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Hu et al., "Enhancement mode AlGaIn/GaN HFET with selectively grown pn junction gate," Electronics Letters, 36: 753-754, 2000.	
		Chen et al., "GaN Metal-insulator-semiconductor Field Effect Transistor Based on GaN/AlGaIn Double Heterojunctions," Nanjing University, P.R. China.	
		Yoshida, S., Abstract, "AlGaIn/GaN Power FET," Furukawa Review, 21: 7-11, 2002.	
		Valizadeh, P., Abstract, "AlxGa 1-xN/GaN High Electron Mobility Transistor (HEMT).	

Examiner
SignatureDate
Considered

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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